



## PATENT ABSTRACTS OF JAPAN

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(54) **SULFONYLUREA COMPOUND, ITS PRODUCTION  
 AND HERBICIDE CONTAINING THE SAME**

(57) Abstract:

PURPOSE: To provide a new compound useful as an active component of a herbicide exhibiting broad herbicidal spectrum at low rate of application.

CONSTITUTION: The compound of formula I ( $R^1$  is cycloalkyl, alkoxyalkyl, phenyl, pyridyl, thienyl, furyl, pyrazolyl or pyrazinyl;  $R^2$  is alkyl, haloalkyl, etc.;  $R^3$  is H, halogen, alkyl, etc.; X and Y are halogen, alkyl, alkoxy, etc.; A is =CH- or =N-), e.g. 4-trifluoromethyl-N-[6-[[[4,6-dimethoxypyrimidin-2-yl]aminocarbonyl]aminosulfonyl]pyridin-2-yl]-N-methylbenzamide. The compound can be produced by reacting a compound of formula II [ $Z^1$  is  $-NH_2$ ,  $-NCO$  or  $-NHCO_2R^4$  ( $R^4$  is alkyl or aryl)] with a compound of formula III ( $Z^2$  is  $-NH_2$  when  $Z^1$  is  $-NCO$  or  $-NHCO_2R^4$  and  $Z^2$  is  $-NCO$  or  $-NHCO_2R^4$  when  $Z^1$  is  $-NH_2$ ).

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